

ABSTRACT

The present invention discloses a remote network management system for coupling a series of remote serial devices, servers, and computers to one or more user workstations allowing for selective access of the remote devices. The remote serial devices, servers, and computers are all connected to a remote management unit which interfaces the user workstations to the remote devices. The power supply of each remote device is also connected to the remote management unit through a controllable power supply. The video from the remote networking equipment is digitized and optimized by an LCD controller located within the remote management unit before it is compressed for transmission. An option menu containing a menu of all the remote devices allows a user to select and operate any of the remote devices. The option menu is also utilized to selectively control the power to the remote serial devices, servers, and computers.